

# System Operator Command Functions

Selecting *Session opercoms* (option O) from the Main Menu displays the following menu:

```

14:43:03          ***** A D A B A S  BASIC  SERVICES *****          2002-05-29
                                - Session Opercoms -                                PACI002

Code  Service                                Code  Service
-----
*    Allocate/Deallocate CLOG/PLOG          S    Stop user(s)
E    Extended Error Recovery                T    Termination Commands
*    Force Dual CLOG or PLOG switch          *    Manage Online Utilities
L    Lock or unlock files                    *    User Table Maintenance
*    Reset ONLINE-DUMP-Status
?    Help
.    Exit
-----

Code ..... _
Userid(ETID) ... _____
CLOG/PLOG Ind .. _      Global.. _
Database ID .... 1955    (WIS1955)          NucID .. 1022

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit              Menu

```

The following functions are available to the AOS demo version:

| Code | Function   |
|------|--|
| E    | Add or delete PIN modules used by the extended error recovery facilities; display, activate or deactivate current PIN routines |
| L    | Display locked files   |
| S    | Stop a specific user, all users of a specific file or job, or all inactive users   |
| T    | Terminate a session normally (ADAEND)  |

This chapter covers the following topics:

- Extended Error Recovery
- Display Locked Files
- Stop User(s)
- Terminate a Session Normally (ADAEND)

## Extended Error Recovery

Selecting option E (extended error recovery) from the Session Opercoms menu displays the Extended Error Recovery menu:

```

14:44:35          ***** A D A B A S  BASIC  SERVICES  *****          1999-05-12
                      - Extended Error Recovery -                      DPACIE2

      Code      Service
      ----      -
      *      Display message buffer
      *      Display/modify environment
      *      Display/modify Exit routines
      M      Add/Delete PIN modules
      P      Display/modify PIN routines
      *      Refresh threshold and alert exits
      *      SNAP a nucleus dump
      ?      Help
      .      Exit
      ----      -

Code ..... -
Start Address ..      End Address ...
Database ID .... 823      (RD-CK-823)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit              Menu

```

From this menu you can

- add or delete PIN modules;
- display, activate, or deactivate specific PIN routines.

### Add / Delete PIN Modules

Selecting option M (add/delete PIN modules) from the Extended Error Recovery menu displays a list of currently available PIN modules:

```

13:42:45          ***** A D A B A S  BASIC  SERVICES  *****          1999-06-18
      DBID 823                      - Add/Delete PIN Modules -                      PACIEM2

Mark entries with 'A' to Add or 'D' to Delete:

      M  Module      Description      Message
      -  -
      -  ADAMXY      Standard Nucleus PIN Routines
      -  PINAAF      SAF Security
      -  PINAFP      Adabas Fastpath
      -  PINATM      Adabas Transaction Manager
      -  PINAVI      Adabas Vista
      -  PINRSP      Adabas Response Code Handler
      -  PINUES      Universal Encoding Support

```

To load a PIN module into memory, enter 'A' in the M column next to the module name.

This command is successful only if the exit module exists in a library accessible to the Adabas nucleus.

To remove a PIN module from memory, enter a 'D' in the M column next to the module name.

When deleting a PIN module from memory, all related PIN routines are also removed.

These functions are the same as the extended error recovery operator commands

**SMGT, {ADDPIN | DELPIN}=module-name**

## Display/Modify PIN Routines

Selecting option P (display/modify PIN routines) from the Extended Error Recovery menu displays a list of PINs currently loaded in memory:

|  |           |  |          |          |          |                 |          |
|--|-----------|--|----------|----------|----------|-----------------|----------|
| 13:08:49   |           | ***** A D A B A S BASIC SERVICES ***** |          |          |          | 1999-06-16      |          |
| DBID 105   |           | - List/Modify PIN Routines -           |          |          |          | PACIEP2         |          |
| Mark entries with 'A' Activate, or 'D' Deactivate: |           |  |          |          |          | Total Pins: 012 |          |
| M  | Condition | Error Location                         |          | Status   | Uses     | Module          | Message  |
| -  |           | -----                                  |          | -----    | -----    | -----           | -----    |
| -  | 000C1000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000C2000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000C3000  | All Locations                          |          | Not Act  | 0        | ADAMXY          |          |
| -  | 000C4000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000C5000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000C6000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000C7000  | All Locations                          |          | Not Act  | 0        | ADAMXY          |          |
| -  | 000C8000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000C9000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000CB000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 000CF000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| -  | 00047000  | All Locations                          |          | Active   | 0        | ADAMXY          |          |
| PF1-----   |           | PF2-----                               | PF3----- | PF4----- | PF6----- | PF7-----        | PF8----- |
| PF12-----  |           |  |          |          |          |                 |          |
| Help   |           | Exit                                   |          | Refr     | --       | -               | +        |
|  |           |  |          |          |          |                 | Menu     |

For all PIN routines on the list, the screen indicates the conditions that cause them to be executed, the current status, the number of times they have been used, and the module in which they are located.

To change the status of the PINs from this screen, enter in the M column next to the PIN number

A to activate a PIN

D to deactivate a PIN

After changes have been made, use PF4 to refresh the screen.

These functions are the same as the extended error recovery operator commands

**SMGT, DISPLAY=PINS**

**SMGT, {ACTPIN | DEACTPIN}=pin-number**

## Display Locked Files

Selecting option L from the Session Opercoms menu displays the following:

```

16:02:10          ***** A D A B A S  BASIC  SERVICES  *****          1999-01-28
                        - Lock / Unlock Files -                                PACIL02

                        Code      Service
                        ----      -
                        D        Display locked files
                        *        Lock file for all users
                        *        Advance lock file
                        *        Lock file except for UTI/EXF users
                        *        Unlock file from general lock
                        *        Release an advance lock
                        *        Unlock file from UTI/EXF lock
                        ?        Help
                        .        Exit
                        ----      -

Code ..... _
File Number .. 30
UTI/EXF Ind .. U
Database ID .. 105      (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit              -              -              +              Menu

```

Option D from this menu displays the Display Locked Files screen:

```

10:57:45          ***** A D A B A S  BASIC  SERVICES  *****          1998-07-31
DBID 105                        - Display Locked Files -                                PACID02

M  Fnr.   Lock Status                                M  Fnr.   Lock Status
-  ----   -
1   1      Locked for ALL users
35  35     Locked except for UTI
50  50     Locked except for EXU/EXF
55  55     Locked for ALL users
60  60     Locked for ALL users

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit              -              -              +              Menu

```

## Stop User(s)

Selecting option S (stop users) from the Session Opercoms menu displays the Stop Users menu:

```

18:26:02          ***** A D A B A S  BASIC  SERVICES  *****          1999-07-29
                        - Stop Users -                                PACIS02

                                Code  Service
                                ----  -
                                *    Stop users using file
                                *    Stop inactive users
                                *    Stop users by jobname
                                *    Stop a selected user
                                ?    Help
                                .    Exit
                                ----  -

Code ..... _
File Number ..... 
Last Activity .... (elapsed time in seconds)
Job Name ..... 
Purge UQE(s) ..... N
Selected Userid ..
Database ID ..... 105   (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help      Disp UQ   Exit      Clear UID                                Menu

```

None of the Stop Users functions are active for the demo version.

## Terminate a Session Normally (ADAEND)

Selecting option T from the Session Opercoms menu invokes the Session Termination menu from which you can terminate a session normally (ADAEND).

```

11:43:00          ***** A D A B A S  BASIC  SERVICES  *****          1997-01-30
                        - Session Termination -                                PACT002

                        Code      Service
                        ----      -
                        A        Normal session termination (ADAEND)
                        *        Cancel session immediately (CANCEL)
                        *        Stop session                      (HALT)
                        ?        Help
                        .        Exit
                        -----
Code ..... _
Database ID .. 105      (RD-MPM105)
Current nr. of users in User Queue ... 9
Nr. of users with open transactions .. 0

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit                               Menu

```

You are prompted to confirm your termination request before the action is taken.